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Friday, February 10, 2006

Case Serial Number: 10/811794

From: Etelka R. Griffin

Location: EIC 3600

KNOX/4B68

Phone: 571-272-4230

Etelka.griffin@uspto.gov

## LITIGATION





Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents

Terms: patno=6499245 (Edit Search | Suggest Terms for My Search)

#### 061515 (10) 6499245 December 31, 2002

#### UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

#### 6499245

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#### Link to Claims Section

December 31, 2002

Modular sleeve yoke

**APPL-NO:** 061515 (10)

FILED-DATE: February 1, 2002

GRANTED-DATE: December 31, 2002

**CORE TERMS:** handguard, barrel, sleeve, receiver, firearm, rear, yoke, interface, channel,

nut ...

#### **ENGLISH-ABST:**

A Swan universal receiver sleeve attached to the top of a firearm upper receiver and extended forward above the firearm barrel to a position just short of the firearm front sight. The underside of the rear portion of the sleeve is fixedly attached to the receiver top. The underside of the forward portion of the sleeve has an upper handquard piece attached thereto. A bottom handguard piece is fitted about the bottom of the gun barrel and is attached to the upper handguard piece. The handguard pieces are not physically connected in any way to the gun barrel. The sleeve is self supported by the connection of the rear portion underside to the receiver top. A special yoke is inserted about the barrel nut of the firearm to which the modular sleeve is attached. The special yoke reinforces the modular sleeve while keeping the firearm barrel free floating.

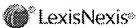
Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant

Patents 3

Terms: patno=6499245 (Edit Search | Suggest Terms for My Search)

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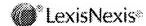
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Patent Number :
 US6499245 B1 20021231 [US6499245]
Title :
  (B1) Modular sleeve yoke
Inventor(s):
  (B1) SWAN RICHARD E (US)
Application Nbr :
 US6151502 20020201 [2002US-0061515]
Priority Details :
 US6151502 20020201 [2002US-0061515]
 US759001 20011210 [2001US-0007590]
 US27414701P 20010309 [2001US-P274147]
Intl Patent Class :
  (B1) F41C-023/00
EPO ECLA Class :
 F41C-023/00
 F41C-023/16
 F41G-001/387D
US Patent Class :
 ORIGINAL (O): 042071010; CROSS-REFERENCE (X): 042075010 042124000
Document Type :
 Corresponding document
Citations :
 US3939589; US5142806; US5412895; US5826363; US6453594
Publication Stage :
  (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
Abstract :
 A Swan universal receiver sleeve attached to the top of a firearm upper
  receiver and extended forward above the firearm barrel to a position
  just short of the firearm front sight. The underside of the rear portion
 of the sleeve is fixedly attached to the receiver top. The underside of
  the forward portion of the sleeve has an upper handguard piece attached
  thereto. A bottom handguard piece is fitted about the bottom of the gun
 barrel and is attached to the upper handguard piece. The handguard
 pieces are not physically connected in any way to the gun barrel. The
  sleeve is self supported by the connection of the rear portion underside
 to the receiver top. A special yoke is inserted about the barrel nut of
 the firearm to which the modular sleeve is attached. The special yoke
 reinforces the modular sleeve while keeping the firearm barrel free
 floating.
Update Code :
 2003-03
1 / 1
      LGST - ©EPO
Patent Number :
 US6499245 B1 20021231 [US6499245]
Application Number :
 US6151502 20020201 [2002US-0061515]
Action Taken :
  20040622 US/RF-A
  REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20040329
Update Code :
  2004-26
1 / 1
       INPADOC - @INPADOC
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Patent Number :

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US 6499245 BA 20021231 [US6499245]

Title:
   Modular sleeve yoke

Inventor(s):
   SWAN RICHARD E [US]

Patent Assignee (Words):
   SWAN RICHARD E [US]

Application Details:
   US 61515/02-A 20020201 [2002US-0061515]

Priority Details:
   US 61515/02-A 20020201 [2002US-0061515]
   US 7590/01-A2 20011210 [2001US-0007590]
   US 274147/01-P 20010309 [2001US-P274147]

Intl. Patent Class.:
   F41C-023/00

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Patent Number:
   US6499245 B1 20021231 [US6499245]
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Patent Number:
 US6499245 B1 20021231 [US6499245]

Application Number:
 US6151502 20020201 [2002US-0061515]

Action Taken:
 20040622 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20040329

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